

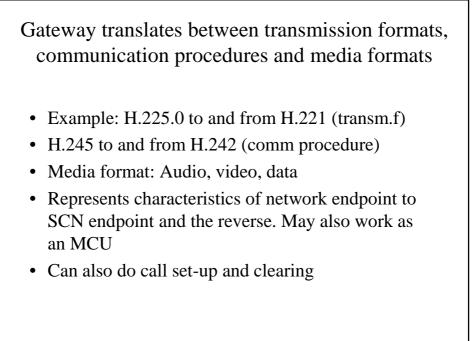
## H.323 supports many parallel addressing methods

- H.323 entity shall have at least one Network Address (e.g. IP address)
- TSAP identifiers allow multiplexing several channels sharing one Network Address map to TCP/UDP port numbers (source port, destination port).
- An endpoint may have one or many Alias addresses may represent the Ep or a Conference that the Ep is hosting. Include: E.164 numbers, H.323 IDs (e.g. John Smith), e-mail addresses. Aliases are unique in a zone.

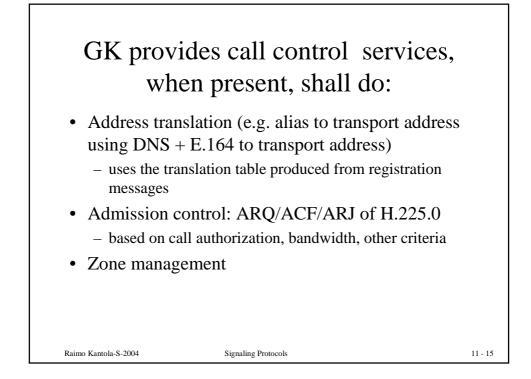
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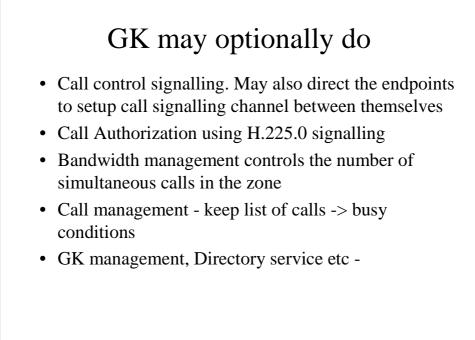
Signaling Protocols

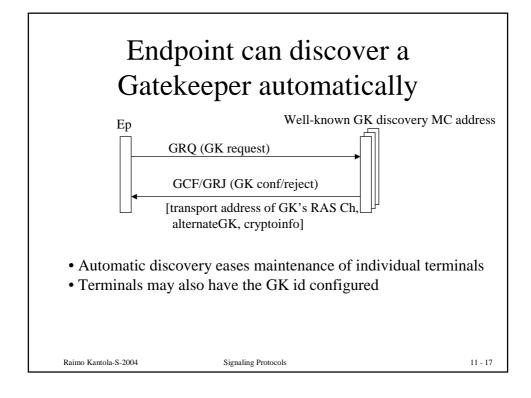
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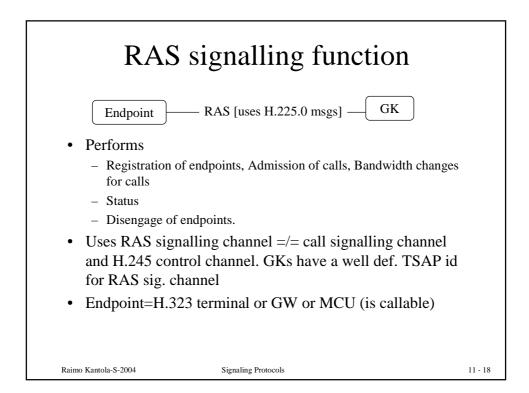


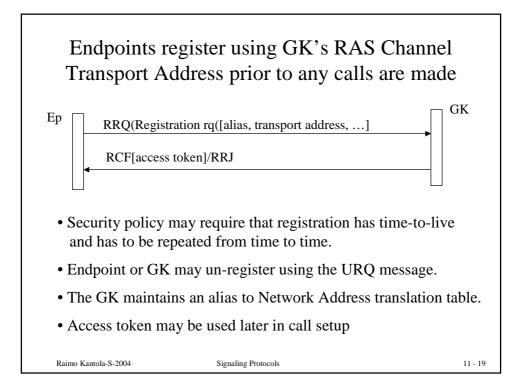
Signaling Protocols

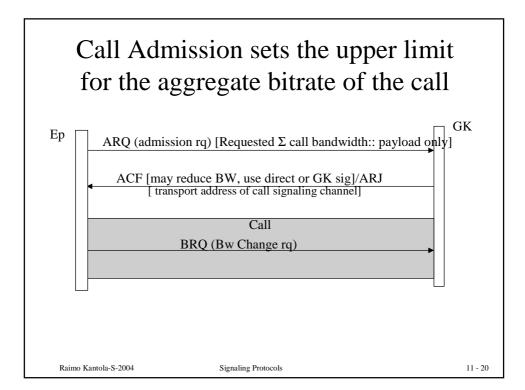


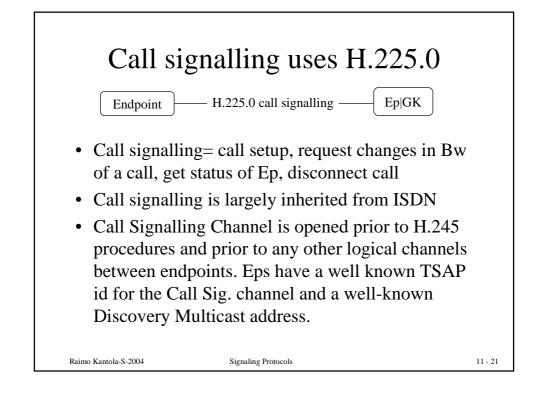


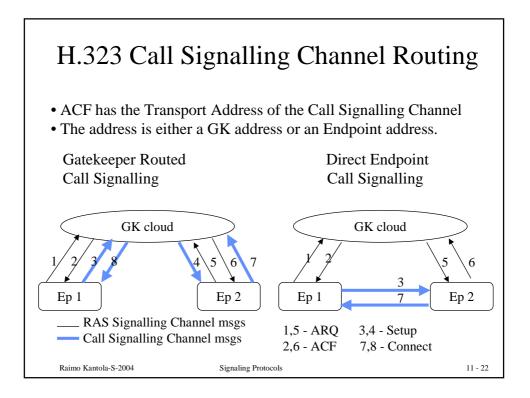


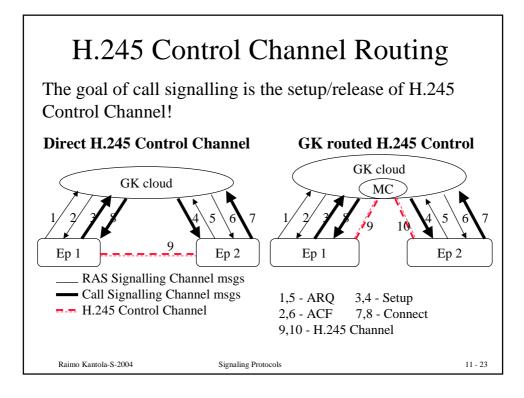


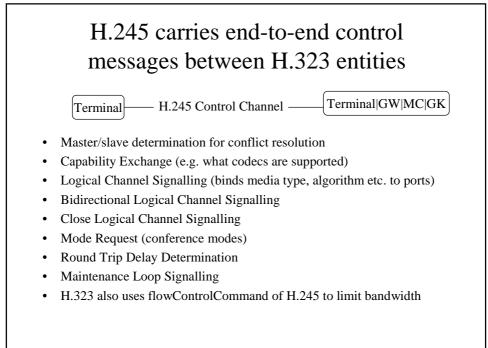




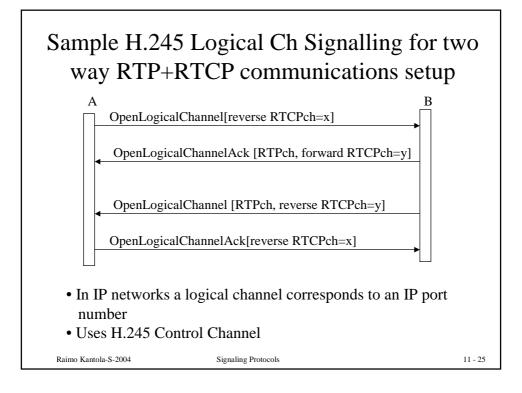


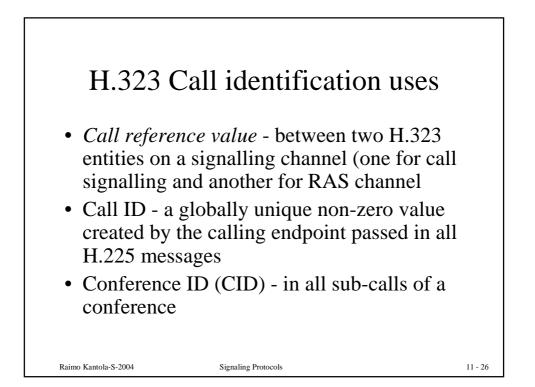


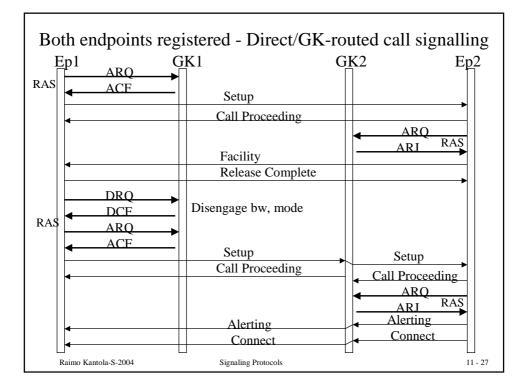


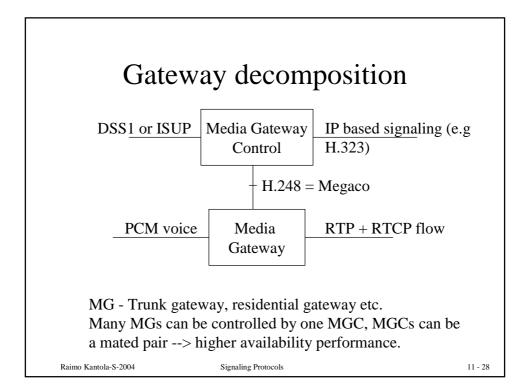


Signaling Protocols









## H.323 summary

- H.323 inherits call signaling from ISDN
- H.323 has many conference modes and many signalling and call routing options
- Call setup delay is reduced by using the Fast Connect Procedure: packs all setup info from both H.225.0 and H.245 into fastStart element in *setup* and *connect* (call proceeding, alerting) messages
- Versions 1, 2, 3 and 4 are available! Version 4 products are available. Supports HTTP based 3<sup>rd</sup> party service control. ITU-T has version 5 of H.323 (quick browsing did not reveal anything major new stuff ...)
- In conferencing applications over IP H.323 is still the leader.
- Version Interoperability and Vendor interoperability are issues!
- More info e.g. in http://www.h323forum.org/

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Signaling Protocols

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